Skyline Computer Program of Study

Industry Sector: Information and Communication Technologies ; Arts, Media & Entertainment
Pathways: 174 Software & System Development; 111D Media Arts
Industry Partners: SAP, Berkeley City College, Adobe Systems, Pandora, Comcast, KDOL TV

OAKLAND UNIFIED SCHOOL DISTRICT
Community Schools, Thriving Students

Pathway Vision	The Computer Science and Technology Pathway is for students who are excited about the possibilities of Computer Technology. They learn coding, 3D modeling, video editing, and much more by doing a variety of projects. Our vision is to excite students about the world of Computer Technology and use that excitement as a bridge to higher education and careers.			
Pathway COP Meeting Time:	**10th Grade Program** Grade level meeting time: Alternating Wed.	**11th Grade Program** Grade level meeting time: Alternating Wed.	**12th Grade Program** Grade level meeting time: Alternating Wed.	**Graduate Pathway Outcomes (Student Learning Outcomes)**
Academic Core Student Cohort Integrity (Replace with course names linked to course descriptions)	English 2 Chemistry World History	English 3 US History Physics	English 4 American Gov/ECON American Gov Econ Course Overview	[Link to outcomes]
Math	N/A	N/A	N/A	

CTE pathway 174
 	
Technical Core/Theme (CTE Sequence)
 	
CTE pathway 111
	AP Computer Science Principles
	    (1 section) (Alvidrez)
	 Course Description
	4640
	
	Multimedia 1
	    (2 sections) (Frey)
	Course Description
	5729 Intro to Media Arts
		Web Design -
		    (2 sections) (Sykes)
		Course Description
		
		Art of Digital Film
		    (2 sections) (Frey)
		Course Description
		5716 - Intermediate Film / Video Production
			AP Computer Science A - **NEW!**
			    (1 section) (Alvidrez)
			Course Description
			4641
			
			Film Studies - **NEW!**
			    (3 sections) (Spencer)
			Course Description
			
			Advanced Filmmaking -
			    (1 section) (Spencer)
			Course Description
			5717 - Advanced Cinema/Film/Video Production	

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Articulated and Dual Enrollment **[Link to Dual Enrollment]**	Multimedia 1 (Articulation Agreement with Berkeley City College)	Art of Digital Film (Articulation Agreement with Berkeley City College) Intro to Sound Engineering - Proposed	Advanced Filmmaking (Articulation Agreement with Berkeley City College)	
Integrated Projects/ Common Performance Assessments	10th Grade Project	11th Grade Project	12th Grade Project (Graduate Capstone)	
Student Course Overview Defenses or Capstones	Overview 10th Grade Project Senior Seminar [Graduate Capstone]	Overview 11th Grade Project		
Other Courses / Electives	Study Skills SDC Study Skills RSP	Study Skills SDC Study Skills RSP	Study Skills SDC	
Other Student Experiences (post-session, intersession, rituals, class trips, assemblies)	Titan Techs (IWE / WBL)	Titan Techs (IWE / WBL)	Titan Techs (IWE / WBL)	
Work Based Learning [reference documents: WBL Continuum WBL Costs Calculator)	[Link to WBL Mapping Document] Off campus shadow day--SAP, Comcast, Pandora, or AT & T 3 Guest Speakers Informational Interviews with outside professionals done in class Off campus shadow day--SAP, Comcast, Pandora, or AT & T	[Link to WBL Planning Document] Off campus shadow day--SAP, Comcast, Pandora, or AT & T 3 Guest Speakers Informational Interviews with outside professionals done off campus Summer Internships for 50 of rising seniors	[Link to WBL Planning Document] Off campus shadow day--SAP, Comcast, Pandora, or AT & T 3 Guest Speakers Trip for 50 students to BCC CTE programs Spring internships for 30 on-track seniors ECCCO Internship details	**Certifications**
Student Leadership	Titan Techs (IWE WBL)	Titan Techs (IWE WBL)	Titan Techs (IWE WBL)	
Summer Learning				

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(Summer Bridge, summer learning, credit recovery)				
College Exposure	Berkeley City College Partnership CS Ed Day - UC Berkeley	SF State	TBD	
Study Tour Destinations	SAP Unity Berkeley City College	Comcast SAP AT&T	Pandora/Pixar Crucible San Francisco Film Society	
Advisory Structure	iCouldBe PowerPoint		Senior Capstone Mentor Program	
Personalized Supports	Skyline Pathway Student Concern Protocol

Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Jordan Seidan) | Skyline Pathway Student Concern Protocol

Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Jordan Seidan) | Skyline Pathway Student Concern Protocol

Analysis of each student's marking period grades, behavioral and academic interventions, parent phone calls, mediations between students - students, students - teachers, and students - teachers - admin, academic guidance, college and scholarships applications (done by Student Support Coordinator, Jordan Seidan) | |
| Use of expanded learning time (before or after school) | Computer Lab opens at 7:30 am for academy student support | Computer Lab opens at 7:30 am for academy student support | Computer Lab opens at 7:30 am for academy student support | |